

ABSTRACT

A system and a method for transmitting data packets over a network to selected multiple remote destinations. The data packets include a header section and a data section. The header section includes a special internetworking protocol field indicating that a list of internetworking protocol addresses is embedded in the data packet. Network elements utilize a particular addressing protocol to access the list of addresses and transmit a copy of the data packet to each of the selected remote destinations corresponding to each of the addresses in the list.

